Self-declaration

Ethan Swistak - Implemented convolutional neural network architecture in Tensorflow and associated sections in the research paper. Also, helped in preprocessing procedures. Evaluated the final results of the individual and ensemble architectures. Wrote the cnn architecture, glove embeddings, cnn training procedure, discussion, and results sections of the paper. Also assisted in finetuning the stacking predictions ensembling.

Nikhil Srinath Betgov- Wrote most of the code up to the training of baseline models and the LSTM architectures. Refactored our existing codebase to the resulting final ModelGen.ipynb and MasterEnsemble.ipynb notebooks from previously existing parts on various people's notebooks. Also evaluated some other ensembling methods that did not make the final cut such as Polyak Rupert averaging. Also assisted in finetuning the stacking predictions ensembling. Wrote the data acquisition, preprocessing, metrics, lstm architecture, lstm training procedure and conclusion sections of the report.

Mohammed Sabiya - Implemented stacking prediction ensembling, along with some other methods that did not make it into the final cut. Researched the prior state of the art and attempted a more traditional CNN architecture that did not make it into the final report because results didn't differ substantially from the FlatCNN. Wrote abstract, Introduction, Background and Stacking prediction section of the paper. Drafted all the writings, tabular and figures in the latex.

Tushar - Implemented stacking generalization ensembling and wrote associated sections in the research paper complimented by appropriate figures. Implemented fasttext embedding with our base models but it was dropped since glove embeddings were giving better results. Researched on collecting new data to balance our old dataset and logging the results of all the experiments.